INTERNATIONAL SEARCH REPORT

International Application No PCT/IB 03/05731

A CLASS	SIFICATION OF SUBJECT MATTER			
IPC 7	G11B21/02 G11B21/08 G11B7	/085 G11B7/09		
According	to International Patent Classification (IPC) or to both national clas	ORI Las asiterifies		
	SEARCHED	Salidation and IFC		
Minimum c	ocumentation searched (classification system followed by classi	fication symbols)		
170 /	G11B			
Documenta	tion searched other than minimum documentation to the extent t	hat such documents are included in the fields	searched	
Steetmante				
CDO T	data base consulted during the International search (name of dat	a base and, where practical, search terms use	d)	
ELO-IL	ternal, WPI Data, PAJ			
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the	e relevant passages	Relevant to claim No.	
X	US 6 118 613 A (KOJIMA MASANOR) 12 September 2000 (2000-09-12) column 11, line 18 - column 13, figures 5,6		1-3,8,9, 12	
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A	PATENT ABSTRACTS OF JAPAN vol. 0101, no. 02 (P-448), 18 April 1986 (1986-04-18) -& JP 60 236125 A (SHARP KK), 22 November 1985 (1985-11-22) abstract		1,8,12	
Furth	er documents are listed in the continuation of box C.	X Patent family members are listed in	annex.	
° Special cat	egories of cited documents :			
"A" documer	nt defining the general state of the art which is not red to be of perticular relevance	"T" later document published after the inter or priority date and not in conflict with in cited to understand the principle or the invention		
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which is	t which may throw doubts on priority claim(s) or cited to establish the publication date of another	involve an inventive step when the doc	ument is taken alone	
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P" documer	eans It published prior to the international filling data but	ments, such combination being obvious in the art.	e other such docu- s to a person skilled	
letel the	n the priority date claimed tual completion of the international search	"&" document member of the same patent for		
	March 2004	Date of mailing of the international search	n report	
Name and ma	illing address of the ISA	Authorized officer		
	European Patent Office, P.B. 5818 Patentlaan 2 NL 2280 HV Rijswijk			
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Chaumeron, B		

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